IN THE SPECIFICATION

Please delete the second paragraph of phage 7, and the first four paragraphs of page 8, and replace it with the following:

To improve the above mentioned drawbacks, the applicant has developed a new design which consists of at least a cable with a central core (former) around which superconducting tapes are spirally placed, on at least two [lawyers] layers with a laying angle defined by the characteristic that some of the layers adjacent to the core are twisted in a sense and the other, [perifpheral] peripheral part of the [laywer] layers is twisted [tot eh] to the opposite side. Twist pitches of the layers vary from maximum [P_{maz1}] P_{max1} and P_{max2} in medium layers to minimum P_{min1} and P_{min2} in inner and outer layers, while twist angles of the tapes in the layers vary from α_{max1} to α_{min1} and from α_{max2} to α_{min2} and at least one layer [oftapes] of tapes from normally conducting metal is located between the outer surface of the former and the inner surface of the layer,

where for inner layers:

P_{min1} and [V_{max1}] α_{max1} - minimum pitch and maximum twist angle of tapes in the first layer made of superconducting tapes from the cable axis:

P_{maz1} and α_{min1} - maximum pitch and minimum twist angle of tapes in the [last] layer from the cable axis layer made of superconducting tapes of the part of layers adjacent to the [former] central core and having one direction of lay;

for outer layers:

P_{min2} and α_{max2} - minimum pitch and maximum twist angle of tapes in the first layer are made

of superconducting tapes from the cable axis;

P_{max2} and α_{min2} - maximum pitch and minimum twist angle of tapes in the [first] layer from the cable axis layer made of superconducting tapes of the second part of layers with opposite direction of lay,

[wherein said pitch of all the layers varies from a maximum P_{max1} (1000 cm) and P_{max2} (1000 cm) in the intermediate layers and a P_{min1} (2 cm) and P_{min2} (2 cm) in the external layers, while the twist of the tapes in all of the layers varies from α_{max1} (45 degrees) to α_{min1} (0 degrees) and from α_{max2} (45 degrees) to α_{min2} (0 degrees) in at least one of the layers of tapes placed between the external surface of the core and the internal part of the layer, being the current distribution between the layers uniform and each cable layer operating at total current conductance.]--